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Notice of Allowability	Application No.	Applicant(s)	
	10/664,168	HAAN ET AL.	
	Examiner	Art Unit	
	Anh T.N. Vo	2861	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 5/25/2006.
2. ☒ The allowed claim(s) is/are 1,2,4-6 and 8-10.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted:
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to an applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The following changes have been made in a subject of the application to place the claims in a condition for allowance:

Claims

In claim 1:

- line 7, inserted --and ink contained therein—after “tank”.

In claim 6:

- line 6, inserted --at a bottom wall of said ink tank and-- after “located”.

In claim 10:

- line 5, deleted “, “.

- line 10, inserted --to electrically engage with the electronic memory device-- after “facilitated”.

- line 11, inserted -- and ink contained therein-- after “tank”.

Authorization for this examiner's amendment was given in a telephone interview with Joshep A. Kolasch on August 4, 2006.

REASONS FOR ALLOWANCE

The following is an Examiner's Statement of Reasons for Allowance:

Claims 1-2 and 4-5 are allowed because none of the prior art references of record teaches an ink tank assembly for an ink jet printer comprising an electronic memory device being provided on a bottom side of an elongate casing of the ink tank, the memory device configured

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as a button which is located near the one end of the casing and configured to electrically engage a mounting socket under the weight of the ink tank and ink contained therein in the combination as claimed.

Claims 6 and 8-9 are allowed because none of the prior art references of record teaches a mounting socket adapted to receive and hold in an essentially horizontal direction an ink tank containing an electronic memory device, the mounting socket comprising a support arm which is provided with a first upwardly biased spring contact which is adapted to engage the electronic memory device of the ink tank and a second spring contact which is adapted to engage a circumferential wall of the electronic memory device, the electronic memory device being configured as a button which is located at a bottom wall of the ink tank and near one end of an elongated casing of the ink tank in the combination as claimed.

Claim 10 is allowed because none of the prior art references of record teaches a mounted ink tank assembly which comprises an ink tank including an elongated casing having a bottom wall provided with an electronic memory device configured as a button located near one end of the casing and an end wall provided with a coupling member; a mounting socket containing a mating coupling member which is adapted to engage the coupling member of the ink tank in substantially a horizontal direction, the mating coupling member also providing communication with an ink supply line, the mounting socket further containing contact springs which are adapted to provide electrical contact with the electronic memory device when the coupling member of the ink tank is operatively connected with the mating coupling member of the mounting socket, the electrical contact being facilitated to electrically engage with the electronic memory device by the weight of the ink tank and ink contained therein.

CONCLUSION

Any comments considered necessarily by applicant must be submitted no later than the payment of the Issue Fee and, to avoid processing delays, should preferably accompany the Issue


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Fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Examiner Anh Vo whose telephone number is (571) 272-2262. The examiner can normally be reached on Tuesday to Friday from 9:30 A.M.to 7:30 P.M.. The fax number of this Group 2800 is (571) 273-8300.



ANH T.N. VO
PRIMARY EXAMINER
August 8, 2006